PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| HAD   | Substitute for form 1449A/PTO |     |      | Complete if Known      |                 |  |
|-------|-------------------------------|-----|------|------------------------|-----------------|--|
|       |                               |     |      | Application Number     | 10/634,546      |  |
|       | INFORMATION DISC              | LO  | SURE | Filing Date            | 8/5/2003        |  |
|       | STATEMENT BY AP               | PLI | CANT | First Named Inventor   | RYAL et al.     |  |
|       | (Use as many sheets as nece   |     |      | Art Unit               | 2614            |  |
|       | ·                             |     |      | Examiner Name          | Couso, Yon Jung |  |
| Sheet | 1                             | of  | 1    | Attorney Docket Number | SNY-T5574       |  |

|                       | . U.S. PATENT DOCUMENTS |  |                             |                             |   |  |  |  |
|-----------------------|-------------------------|--|-----------------------------|-----------------------------|---|--|--|--|
| Examiner<br>Initials* | Cite                    | Document Number                        | Publication Date MM-DD-YYYY | Name of Patentee or         | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant |  |  |  |
|                       | No.1                    | Number-Kind Code <sup>2</sup> (Farming |                             | Applicant of Cited Document | Figures Appear  |  |  |  |
| RIC                   |                         | US-6,549,229                           | 4-15-2003                   | Kirby et al.                |   |  |  |  |
| RIC                   |                         | US-6,904,520                           | 6-7-2005                    | Rosset et al.               |   |  |  |  |
|                       |                         | US-                                    |                             |                             |   |  |  |  |
|                       |                         | US-                                    |                             |                             |   |  |  |  |
|                       |                         | บร-                                    |                             |                             |   |  |  |  |
|                       |                         |  |                             |                             |   |  |  |  |
|                       |                         |  |                             | ·                           |   |  |  |  |

|                       | FOREIGN PATENT DOCUMENTS |  |                             |  |   |   |  |  |  |  |
|-----------------------|--------------------------|--|-----------------------------|--|---|---|--|--|--|--|
| Examiner<br>Initials* | Cite<br>No.1             | Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>3</sup> (if known) | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | 7 |  |  |  |  |
|                       | -                        |  |                             |  |   | Ŧ |  |  |  |  |
|                       | -                        |  |                             |  |   |   |  |  |  |  |
|                       |                          |  |                             |  |   | ╀ |  |  |  |  |
| <del> </del>          | -                        |  |                             |  |   |   |  |  |  |  |
|                       |                          |  |                             |  |   | ╬ |  |  |  |  |
|                       |                          |  |                             |  |   | + |  |  |  |  |
|                       | -                        |  |                             | <del></del>  | -   |   |  |  |  |  |

| NON PATENT LITERATURE DOCUMENTS |               |   |   |  |  |  |  |
|---------------------------------|---------------|---|---|--|--|--|--|
| Examiner<br>Initials*           | Cite<br>.No.¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |  |  |  |  |
| RIC                             |               | LIU, et al. "Motion Vector Encryption in Multimedia Streaming, 2004, IEEE, pages 64-71  |   |  |  |  |  |

| Examiner<br>Signature | /Randolph Chu/ | Date<br>Considered | 12/28/2006 |
|-----------------------|----------------|--------------------|------------|

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov">www.upsto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO). to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| Un    |                               | no per | sons are required to res |                        | ion unless it displays a valid OMB control number |  |
|-------|-------------------------------|--------|--------------------------|------------------------|---|--|
|       | Substitute for form 1449A/PTO |        | •                        | Complete if Known      |   |  |
|       |                               |        |                          | Application Number     | 10/634,546  |  |
|       | INFORMATION DISC              | LO     | SURE                     | Filing Date            | 8/5/2003  |  |
|       | STATEMENT BY AP               | PLIC   | CANT                     | First Named Inventor   | RYAL et al.                                       |  |
| ,     | (Use as many sheets as nece   |        |                          | Art Unit               |   |  |
|       | <u> </u>                      |        |                          | Examiner Name          |   |  |
| Sheet | 1                             | of     | 1                        | Attorney Docket Number | SNY-T5574   |  |

|           |      |   | U.S. PATENT                    | DOCUMENTS  |   |  |
|-----------|------|---|--------------------------------|--|---|--|
| Initials* | Cite |   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant |  |
|           | No.' | Number-Kind Code <sup>2</sup> (* ********************************** | ]                              | Applicant of once becament                         | Figures Appear  |  |
| RIC       |      | US-2002/0150239   | 10/17/2002                     | Camy et al.  |   |  |
| RIC       |      | US-6,138,237  | 10/24/2000                     | Ruben et al.                                       |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                | ·  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | บร  |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |
| ,         |      | us-   |                                |  |   |  |
|           |      | US-   |                                |  |   |  |

| FOREIGN PATENT DOCUMENTS |              |  |                             |  |   |     |  |  |  |
|--------------------------|--------------|--|-----------------------------|--|---|-----|--|--|--|
| Examiner<br>Initials*    | Cite<br>No.1 | Foreign Patent Document Country Code <sup>3</sup> -Number*- Kind Code <sup>3</sup> (# known) | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |     |  |  |  |
| RIC                      | 0            | WO 94/10775  | 5/11/1994                   | Scientific-Atlanta, Inc.                           |   | Т   |  |  |  |
| RIC                      | v            | EP 0674441   | 9/27/1995                   | Nokia Technology                                   |   |     |  |  |  |
| RIC                      | ,            | EP 0674440   | 9/27/1995                   | Nokia Technology                                   |   |     |  |  |  |
|                          |              |  |                             |  |   | _   |  |  |  |
|                          |              |  |                             |  |   | -   |  |  |  |
|                          |              |  | <del>,  </del>              |  |   | - - |  |  |  |

| Examiner  | /Randolph Chu/ |            | 50/00/0006 |
|-----------|----------------|------------|------------|
| Signature |                | Considered | 12/28/2006 |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in commance and not considered, include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov">www.upsto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to place a check mark here if English tanguage Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. Do NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control number

| Alexander | Substitute for form 1449A/PTO |      |      | Complete if Known      |                   |  |
|-----------|-------------------------------|------|------|------------------------|-------------------|--|
|           |                               |      |      | Application Number     | 10/634,546        |  |
|           | INFORMATION DISC              | ;LO: | SURE | Filing Date            | 8/5/2003          |  |
|           | STATEMENT BY AP               | PLIC | CANT | First Named Inventor   | RYAL et al.       |  |
|           | (Use as many sheets as nece   |      |      | Art Unit               | 2624              |  |
|           |                               |      |      | Examiner Name          | Mehta, Bhavesh M. |  |
| Sheet     | . 1                           | of   | 1    | Attorney Docket Number | SNY-T5574         |  |

|           |               |   | U.S. PATEN                     | T DOCUMENTS  |   |
|-----------|---------------|---|--------------------------------|--|---|
| Examiner  | nitials* No.1 | Document Number                         | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where                    |
| Initials* |               | Number-Kind Code <sup>2 (d known)</sup> | WINFOD-1111                    | Applicant of Cited Document                        | Relevant Passages or Relevant<br>Figures Appear |
| RIC       |               | US 4,914,515                            | 04/03/1990                     | Van Luyt   |   |
| RIC       |               | US 5,444,782                            | 08/22/1995                     | Adams Jr. et al                                    |   |
| RIC       |               | US 5,553,141                            | 09/03/1996                     | Lowry et al.                                       |   |
| ŔIC       |               | US 2003/0012286                         | 01/16/2003                     | Ishtiaq et al.                                     |   |
| RIC       |               | US 2004/0049688                         | 03/11/2004                     | Candelore  |   |
| RIC       |               | US 2004/0068659                         | 04/08/2004                     | Diehl  |   |
| RIC       |               | US 2005/0259813                         | 11/24/2005                     | Wasilewski et al.                                  |   |
| RIC       |               | US 7,039,938                            | 05/02/2006                     | Candelore  |   |
|           |               |   |                                |  |   |
|           |               |   |                                |  |   |
|           |               |   |                                |  |   |
|           |               |   | ·                              |  |   |
|           |               |   |                                |  |   |

|                    | FOREIGN PATENT DOCUMENTS |   |                             |  |   |    |  |  |  |
|--------------------|--------------------------|---|-----------------------------|--|---|----|--|--|--|
| Examiner Initials* | Cite<br>No.1             | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>3</sup> (if known) | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | ₹° |  |  |  |
|                    |                          |   |                             |  |   |    |  |  |  |
|                    |                          |   |                             |  |   |    |  |  |  |
|                    |                          |   |                             |  |   | Τ  |  |  |  |

| 1 |                       |              | NON PATENT LITERATURE DOCUMENTS   |    |
|---|-----------------------|--------------|---|----|
|   | Examiner<br>Initials* | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| ı |                       |              |   | T  |

| Examiner Signature /Randolph Chu/ | Date<br>Considered | 12/28/2006 |
|-----------------------------------|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if notioned and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov">www.upsto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). °For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. °Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. °Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application (orm to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-800-PTO-9199 and select option 2.

OTPE 425 1006 B

Sheet

Substitute 18/15/04/1449A/PTO

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
tion Act of 1895, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

 Complete if Known

 Application Number
 10/634,546

 Filing Date
 8/5/2003

 First Named Inventor
 RYAL et al.

 Art Unit
 2624

 Examiner Name
 Mehta, Bhavesh M.

 Attorney Docket Number
 SNY-T5574

|            |          |   | U.S. PATENT      | DOCUMENTS  |   |
|------------|----------|---|------------------|--|---|
| Examiner   | Cite     | Document Number                         | Publication Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant |
| Initials*  | No.¹     | Number-Kind Code <sup>2</sup> (* brown) |                  |  | Figures Appear  |
|            |          | US-5,319,712                            | 06/07/1994       | Finkelstein et al.                                 |   |
| RIC        |          | US-5,754,658                            | 05/19/1998       | Aucsmith   |   |
| RIC        |          | US-6,070,245                            | 05/30/2000       | Murphy Jr. et al.                                  |   |
| RIC        |          | -US-6,148,082                           | 1.1/14/2000      | Slattery et al.                                    |   |
| RIC        |          | US-2002/0083317                         | 06/27/2002       | Ohta et al.  | -   |
| RIC        |          | US-2003/0002854                         | 01/02/2003       | Belknap et al.                                     | -   |
|            |          | US-6,505,299                            | 01/07/2003       | Zeng et al.  | -   |
| RIC        |          | US-2003/0026423                         | 02/06/2003       | Unger et al.                                       |   |
| RIC        |          | US-2003/0077071                         | 04/24/2003       | Lin et al.   |   |
| RIC        |          | US-2003/0081776                         | 05/01/2003       | Candelore  |   |
|            |          | US-2003/0112333                         | 06/19/2003       | Chen et al.  |   |
| RIC        |          | US-2003/0118243                         | 06/26/2003       | Sezer et al.                                       |   |
|            |          | US-2003/0126086                         | 07/03/2003       | Safadi   |   |
| RIC        |          | US-2003/0123664                         | 07/03/2003       | Pedlow, Jr. et al.                                 |   |
| RI         |          | US-2003/0140257                         | 07/24/2003       | Peterka et al.                                     |   |
| RIC        |          | US-2003/0188154                         | 10/02/2003       | Dallard  |   |
| RIC        | <u>'</u> | US-2003/0193973                         | 10/16/2003       | Takashimizu et al.                                 |   |
| RIC        |          | US-2003/0228018                         | 12/11/2003       | Vince, Lawrence                                    |   |
| RIC        |          | US-2004/0010717                         | 01/15/2004       | Simec et al.                                       |   |
| RIC        |          | US-6,684,250                            | 01/27/2004       | Anderson et al.                                    |   |
| RIC<br>RIC |          | US-2004/0028227                         | 02/12/2004       | Yu, Hong Heather                                   |   |
| RIC        |          | US-2004/0081333                         | 04/29/2004       | Grab et al.  |   |
|            |          | US-2004/0091109                         | 05/13/2004       | Son et al.   |   |
| RIC        |          | US-2004/0193550                         | 09/30/2004       | Siegal   |   |
| RIC        |          | US-2005/0071669                         | 03/31/2005       | Medvinsky et al.                                   |   |
| RIC        |          | US-6,891,565                            | 05/10/2005       | Dietrich, Charles Benjamin                         |   |
| RIC        |          | US-2005/0169473                         | 08/04/2005       | Candelore  |   |
| RIC        |          | US-2005/0192904                         | 09/01/2005       | Candelore  |   |

1

of

|                       |              | FORE  | <b>IGN PATENT DOCU</b>      | MENTS  |   |   |
|-----------------------|--------------|---|-----------------------------|--|---|---|
| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document Country Code <sup>3</sup> -Number*- Kind Code <sup>3</sup> (if known) | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | 7 |

|                       |              | NON PATENT LITERATURE DOCUMENTS   |    |
|-----------------------|--------------|---|----|
| Examiner<br>Initials* | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |

|                       |                | سماك كناف          |            |
|-----------------------|----------------|--------------------|------------|
| Examiner<br>Signature | /Randolph Chu/ | Date<br>Considered | 12/28/2006 |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov">www.upsto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to

the senain number of the patent abdoment. And of abdoment by the exploitable symbols as indicated on the occurrent under WPO Standard S1.16 in possible. Applicable is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the emount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ons are required to respond to a collection of information unless it displays a valid OMB control number, Under the Paperwork Substitute for form 1449A/PTG LENE Complete if Known Application Number 10/634,546 INFORMATION DISCLOSURE Filing Date 8/5/2003 First Named Inventor RYAL et al. STATEMENT BY APPLICANT Art Unit 2614 (Use as many sheets as necessary) **Examiner Name** Couso, Yon Jung 1 of 1 Sheet Attorney Docket Number SNY-T5574

| U.S. PATENT DOCUMENTS |      |   |                  |  |   |  |  |
|-----------------------|------|---|------------------|--|---|--|--|
| Examiner              | Cite | Document Number                         | Publication Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant |  |  |
| Initials*             | No.1 | Number-Kind Code <sup>2</sup> (Facourt) | MINI-UU-TYTY     | Applicant of Cited Document                        | Figures Appear  |  |  |
| RIC                   |      | US-6,246,720                            | 06/12/2001       | Kutner et al.                                      |   |  |  |
| RIC                   |      | US-2001/0030959                         | 10/18/2001       | Ozawa et al.                                       |   |  |  |
| RIC                   |      | US-6,788,690                            | 09/07/2004       | Harri  | •   |  |  |
| RIC<br>RIC            |      | US-6,826,185                            | 11/30/04         | Montanaro et al.                                   |   |  |  |
|                       |      | US-6,976,166-                           | 12/13/2005       | Herley et al.                                      |   |  |  |
| RIC                   |      | US-2005/0004875                         | 01/05/2005       | Kontio et al.                                      | •   |  |  |
|                       |      |   |                  |  |   |  |  |

|                       | _            | FORE   | IGN PATENT DOCU                | MENTS  |   |    |
|-----------------------|--------------|--|--------------------------------|--|---|----|
| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |    |
|                       |              |  |                                |  |   | 1  |
|                       |              |  |                                |  |   | 1  |
| •                     | -            |  |                                |  |   | -} |
|                       |              |  |                                |  |   | 1  |
|                       |              |  |                                |  |   | +  |
|                       |              |  |                                |  |   | _  |

|                    |              | NON PATENT LITERATURE DOCUMENTS   |    |
|--------------------|--------------|---|----|
| Examiner Initials* | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Τ² |
|                    |              |   |    |
| <del></del>        |              |   | ╁  |
|                    |              |   |    |

| Examiner<br>Signature | /Randolph Chu/ | Date<br>Considered | 12/28/2006 |
|-----------------------|----------------|--------------------|------------|
|-----------------------|----------------|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov">www.upsto.gov</a> or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\)For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. on the document under WIPO Standard S1.16 if possible. "Applicant is to piace a check mark nere if English language (ranslation is attached.)

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| Un    | ter the Paperwork Reduction Act of 19 | 95 no per | sonsate required to re   | spond to a collection of informat | tion unless it displays a valid OMB control number |  |  |
|-------|---------------------------------------|-----------|--|-----------------------------------|--|--|--|
|       | Substitute for form 1449A/PTO         |           | NA CONTRACTOR OF THE PARTY OF T | Complete if Known                 |  |  |  |
|       |                                       |           |  | Application Number                | 10/634,546   |  |  |
|       | INFORMATION DIS                       | CLO:      | SURE   | Filing Date                       | 8/5/2003   |  |  |
|       | STATEMENT BY A                        | PPLI      | CANT   | First Named Inventor              | RYAL et al.  |  |  |
|       | (Use as many sheets as i              | ecessary) |  | Art Unit                          | 2614   |  |  |
|       |                                       |           |  | Examiner Name                     | Unknown  |  |  |
| Sheet | 1                                     | of        | 2  | Attorney Docket Number            | SNY-T5574  |  |  |

|                    |      |   | U.S. PATENT                             | DOCUMENTS  |   |
|--------------------|------|---|---|--|---|
| Examiner Initials* | Cite | Document Number                           | Publication Date MM-DD-YYYY             | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant |
|                    | No.¹ | Number-Kind Code <sup>2</sup> of American | 111111111111111111111111111111111111111 | 7 philadit of otto observe it                      | Figures Appear  |
| RIC                |      | US-5,940,738                              | 8/17/1999                               | Rao, R. Padmanabha                                 |   |
| RIC                |      | US-5,973,722                              | 10/26/1999                              | Wakai et al.                                       |   |
| RIC                |      | US-6,058,192                              | 5/2/2000                                | Guralnick et al.                                   |   |
| RIC                |      | US-2002/0083438                           | 6/27/2002                               | So et al.  |   |
| RIC                |      | US-6,456,985                              | 9/24/2002                               | Ohtsuka, Shuichi                                   |   |
| RIC                |      | US-2002/0196939                           | 12/26/2002                              | Unger et al.                                       |   |
| RIC                |      | US-2004/0139337                           | 7/15/2004                               | Pinder et al.                                      |   |
|                    |      | US-                                       |   |  |   |

|                       |              | FORE   | IGN PATENT DOCU                | MENTS  |   |   |
|-----------------------|--------------|--|--------------------------------|--|---|---|
| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>9</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | Ţ |
|                       |              |  |                                |  |   | - |
|                       |              |  |                                |  |   | - |
|                       | _            |  |                                | _  |   | - |
|                       |              |  |                                |  |   | - |
|                       | _            |  |                                |  |   | - |

| Examiner<br>Signature | /Randolph Chu/ | Date<br>Considered | 12/28/2006 |
|-----------------------|----------------|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov">www.upsto.gov</a> or MPEP 901.04. Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995/Fraggree are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO Complete if Known Application Number 10/634,546 INFORMATION DISCLOSURE Filing Date 8/5/2003 STATEMENT BY APPLICANT First Named Inventor RYAL et al. Art Unit 2614 (Use as many sheets as necessary) Examiner Name Unknown Sheet Attorney Docket Number SNY-T5574

|                       |                    | NON PATENT LITERATURE DOCUMENTS   |   |
|-----------------------|--------------------|---|---|
| Examiner<br>Initials* | Cite<br>No.1       | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |
| RIC                   |                    | ALATTAR, A.M. et al., Improved selective encryption techniques for secure transmission of MPEG video bitstreams, 10/24/1999, Digimarc Corp., Lake Oswego, OR, USA, IEEE, pgs. 256-260   |   |
| RIC                   |                    | KUNKELMANN T. et al., A scalable security architecture for multimedia communication standards, Darmstard Univ. of Technology, ITO, Germany, 1997, pgs. 660-661  |   |
| RIC                   |                    | YIP, KUN-WAH, Partial-encryption technique for intellectual property protection of FPGA-Based products, December 15, 1999, IEEE, pgs. 183-190   |   |
| RIC                   |                    | International Search Report for application no. PCT/US2004/032228   |   |
|                       |                    |   |   |
|                       | <del>-, -, ,</del> |   | - |
| -                     |                    |   |   |
|                       |                    |   |   |
|                       |                    | •   | - |
|                       |                    |   |   |
|                       |                    |   | - |

|                       |                |                    | <del></del> |
|-----------------------|----------------|--------------------|-------------|
| Examiner<br>Signature | /Randolph Chu/ | Date<br>Considered | 12/28/2006  |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.99. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Undo the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

Complete if Known

Application Number 10/634,546

Filing Date 8/5/2003

First Named Inventor RYAL et al.

Art Unit 2614

1

of

Sheet

**Examiner Name** 

Attorney Docket Number

Unknown

SNY-T5574

|                    |                               |                    | U.S. PATENT                 | DOCUMENTS                   |  |   |
|--------------------|-------------------------------|--------------------|-----------------------------|-----------------------------|--|---|
| Examiner Cite No.1 | Cite                          | Cite               | Document Number             | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant |
|                    | Number-Kind Code <sup>2</sup> | Will South Control | Applicant of cited bocament | Figures Appear              |  |   |
| RIC                |                               | US-5,455,862       | 10-1995                     | Hoskinson                   |  |   |
| RIC                |                               | US-6,557,031       | 4-2003                      | Mimura et al.               |  |   |
| RIC                |                               | US-2003/0097662    | 5-2003                      | Russ et al.                 |  |   |
| PTC                |                               | US-6,654,389       | 11-2003                     | Brunheroto et al.           |  |   |
| RIC                |                               | US-6,697,944       | 2-2004                      | Jones et al.                |  |   |
| RIC                |                               | US-2004/0123094    | 6-24-2004                   | Sprunk                      |  |   |
| RIC                |                               | US-6,772,340       | 8-2004                      | Peinado et al.              |  |   |
| KIC                |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US₊                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |
|                    |                               | US-                |                             |                             |  |   |

|                       |              | FORE  | IGN PATENT DOCU                | MENTS  |   |
|-----------------------|--------------|---|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |
|                       |              |   |                                |  |   |
|                       |              |   |                                |  |   |
|                       |              |   |                                |  |   |
|                       | <u> </u>     |   |                                |  |   |

| Examiner  | /Randolph Chu/ | Date       | 40.400.400.40 |
|-----------|----------------|------------|---------------|
| Signature |                | Considered | 12/28/2006    |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov.or/nmep.or/n

Application No.: 10/634,546

Sheet 1 of 11

DISCLOSURE
STATEMENT

Filed: 08/05/2003

Applicant: Ryal et al.

| U.S. PATENT DOCUMENTS |                    |                    |                  |       |             |
|-----------------------|--------------------|--------------------|------------------|-------|-------------|
| Exam.<br>Init.        | Document<br>Number | Issue/Pub.<br>Date | Name             | Class | Filing Date |
| RIC                   | 3,852,519          | 12/3/1974          | Court            |       | 10/20/1972  |
| RIC                   | 4,381,519          | 4/26/1983          | Wilkinson et al. |       | 9/14/1981   |
| RIC                   | 4,419,693          | 12/6/1983          | Wilkinson.       |       | 3/30/1981   |
| RIC                   | 4,521,853          | 6/4/1985           | Guttag           |       | 6/30/1982   |
| RIC                   | 4,634,808          | 1/6/1987           | Moerder          |       | 3/15/1984   |
| RIC                   | 4,700,387          | 10/13/1987         | Hirata           | ,     | 7/5/1985    |
| RIC                   | 4,703,351          | 10/27/1987         | Kondo            |       | 8/22/1985   |
| RTC                   | 4,703,352          | 10/27/1987         | Kondo            |       | 12/17/1985  |
| RIC                   | 4,710,811          | 12/1/1987          | Kondo            |       | 12/17/1985  |
| RIC                   | 4,722,003          | 1/26/1988          | Kondo            |       | 11/19/1986  |
| RIC                   | 4,739,510          | 4/19/1988          | Jeffers et al.   |       | 4/2/1987    |
| RIC                   | 4,772,947          | 9/20/1988          | Kondo            |       | 12/17/1986  |
| RIC                   | 4,785,361          | 11/15/1988         | Brotby           |       | 12/16/1986  |
| RIC                   | 4,788,589          | 11/29/1988         | Kondo            |       | 11/25/1986  |
| RIC                   | 4,815,078          | 3/21/1989          | Shimura          |       | 3/31/1987   |
| RIC                   | 4,845,560          | 7/4/1989           | Kondo et al.     |       | 5/18/1988   |
| RIC                   | 4,887,296          | 12/12/1989         | Horne            |       | 10/16/1987  |
| RIC                   | 4,890,161          | 12/26/1989         | Kondo            |       | 1/30/1989   |
| RIC                   | 4,924,310          | 5/8/1990           | von Brandt       | ,     | 8/22/1989   |
| RIC                   | 4,944,006          | 7/24/1990          | Citta et al.     |       | 4/25/1989   |
| RIC                   | 4,953,023          | 8/28/1990          | Kondo            |       | 9/15/1989   |
| RIC                   | 4,995,080          | 2/19/1991          | Bestler et al.   |       | 7/16/1990   |
| RIC                   | 5,018,197          | 5/21/1991          | Jones et al.     |       | 7/30/1990   |
| RIC                   | 5,023,710          | 6/11/1991          | Kondo et al.     |       | 10/24/1990  |

| Examiner: /Randolph Chu/ | Date: | 12/28/2006 |  |
|--------------------------|-------|------------|--|
|--------------------------|-------|------------|--|

| INFORMATION | Application No.: 10/634,546 | Sheet 2 of 11   |
|-------------|-----------------------------|-----------------|
| DISCLOSURE  | Docket No.: SNY-T5574       | Group: 2614     |
| STATEMENT   | Filed: 08/05/2003           | Conf. No.: 6035 |
|             | Applicant: Ryal et al.      |                 |

•

| RIC | 5,122,873 | 6/16/1992  | Golin, Stuart J. | 2/19/1991  |
|-----|-----------|------------|------------------|------------|
| RIC | 5,138,659 | 8/11/1992  | Kelkar et al.    | 5/2/1991   |
| RIC | 5,142,537 | 8/25/1992  | Kutner et al.    | 2/2/1990   |
| RIC | 5,144,662 | 9/1/1992   | Welmer           | 12/21/1990 |
| RIC | 5,159,452 | 10/27/1992 | Kinoshita et al. | 10/22/1990 |
| RIC | 5,196,931 | 3/23/1993  | Kondo            | 12/23/1991 |
| RIC | 5,208,816 | 5/4/1993   | Seshardi et al.  | 3/11/1992  |
| RIC | 5,237,424 | 8/17/1993  | Nishino et al.   | 7/26/1991  |
| RIC | 5,241,381 | 8/31/1993  | Kondo            | 8/16/1991  |
| RIC | 5,247,575 | 9/21/1993  | Sprague et al.   | 4/24/1992  |
| RIC | 5,258,835 | 11/2/1993  | Kato             | 7/10/1991  |
| RIC | 5,325,432 | 6/28/1994  | Gardeck et al.   | 2/4/1993   |
| RIC | 5,327,502 | 7/5/1994   | Katata           | 1/16/1992  |
| RIC | 5,359,694 | 10/25/1994 | Concordel        | 7/27/1992  |
| RIC | 5,379,072 | 1/3/1995   | Kondo            | 12/8/1992  |
| RIC | 5,398,078 | 3/14/1995  | Masuda et al.    | 10/30/1992 |
| RIC | 5,416,651 | 5/16/1995  | Uetake et al.    | 10/30/1991 |
| RTC | 5,416,847 | 5/16/1995  | Boze             | 2/12/1993  |
| RIC | 5,420,866 | 5/30/1995  | Wasilewski       | 3/29/1994  |
| RIC | 5,428,403 | 6/27/1995  | Andrew et al.    | 9/30/1992  |
| RIC | 5,434,716 | 7/18/1995  | Sugiyama et al.  | 2/2/1994   |
| RIC | 5,438,369 | 8/1/1995   | Citta et al.     | 8/17/1992  |
| RIC | 5,469,216 | 11/21/1995 | Takahashi et al. | 11/30/1994 |
| RIC | 5,471,501 | 11/28/1995 | Parr et al.      | 8/13/1993  |
| RIC | 5,473,692 | 12/5/1995  | Davis            | 9/7/1994   |
| RIC | 5,481,554 | 1/2/1996   | Kondo            | 8/31/1993  |
| RIC | 5,481,627 | 1/2/1996   | Kim              | 8/31/1994  |

| Examiner:   | /Pandalah Chu/ | Date: | 12/28/2006 |  |
|-------------|----------------|-------|------------|--|
| LAGITIMICI. | /Randolph Chu/ | Date. |            |  |

| INFORMATION | Application No.: 10/634,546 | Sheet 3 of 11   |  |
|-------------|-----------------------------|-----------------|--|
| DISCLOSURE  | Docket No.: SNY-T5574       | Group: 2614     |  |
| STATEMENT   | Filed: 08/05/2003           | Conf. No.: 6035 |  |
|             | Applicant: Ryal et al.      |                 |  |

| RIC   | 5,485,577 | 1/16/1996  | Eyer et al.       | 12/16/1994 |
|-------|-----------|------------|-------------------|------------|
| RIC   | 5,528,608 | 6/18/1996  | Shimizume         | 4/7/1995   |
| RIC   | 5,535,276 | 7/9/1996   | Ganesan           | 11/9/1994  |
| · RIC | 5,539,823 | 7/23/1996  | Martin            | 7/24/1994  |
| RIC   | 5,539,828 | 7/23/1996  | Davis             | 5/31/1994  |
| RIC   | 5,555,305 | 9/10/1996  | Robinson et al.   | 6/13/1994  |
| RIC   | 5,561,713 | 10/1/1996  | Suh               | 7/18/1994  |
| RIC   | 5,568,552 | 10/22/1996 | Davis             | 10/22/1996 |
| RIC   | 5,574,787 | 11/12/1996 | Ryan              | 7/25/1994  |
| RIC   | 5,582,470 | 12/10/1996 | Yu                | 9/12/1995  |
| RIC   | 5,583,576 | 12/10/1996 | Perlman et al.    | 9/11/1995  |
| RIC   | 5,598,214 | 1/28/1997  | Kondo et al.      | 9/28/1994  |
| RIC   | 5,600,721 | 2/4/1997   | Kitazato          | 7/27/1994  |
| RIC   | 5,606,359 | 2/25/1997  | Youden et al.     | 6/30/1994  |
| RIC   | 5,608,448 | 3/4/1997   | Smoral et al.     | 4/10/1995  |
| RIC   | 5,615,265 | 3/25/1997  | Coutrot           | 12/20/1994 |
| RIC   | 5,617,333 | 4/1/1997   | Oyamada et al.    | 11/23/1994 |
| RIC   | 5,625,715 | 4/29/1997  | Trew et al.       | 10/21/1993 |
| RIC   | 5,629,981 | 5/13/1997  | Nerlikar          | 7/29/1994  |
| RIC   | 5,652,795 | 7/29/1997  | Eillon et al.     | 11/13/1995 |
| RIC   | 5,663,764 | 9/2/1997   | Kondo et al.      | 7/19/1995  |
| RIC   | 5,666,293 | 9/9/1997   | Metz et al.       | 7/3/1995   |
| RIC   | 5,703,889 | 12/30/1997 | Shimoda et al.    | 12/14/1994 |
| RIC   | 5,717,814 | 2/10/1998  | Abecassis         | 9/16/1994  |
| RIC   | 5,732,346 | 3/24/1998  | Lazaridis et al.  | 2/16/1996  |
| RIC   | 5,742,680 | 4/21/1998  | Wilson            | 11/13/1995 |
| RIC   | 5,742,681 | 4/21/1998  | Giachettie et al. | 4/4/1995   |

| Examiner: | /Randolph Chu/ | Date: | 12/28/2006 |  |
|-----------|----------------|-------|------------|--|

| INFORMATION Application No.: 10/634,546 |                        | Sheet 4 of 11   |  |
|---|------------------------|-----------------|--|
| DISCLOSURE                              | Docket No.: SNY-T5574  | Group: 2614     |  |
| STATEMENT                               | Filed: 08/05/2003      | Conf. No.: 6035 |  |
|   | Applicant: Ryal et al. |                 |  |

•

| RIC | 5,751,280 | 5/12/1998  | Abbott et al.      | 12/11/1995 |
|-----|-----------|------------|--------------------|------------|
| RIC | 5,751,743 | 5/12/1998  | Takizawa           | 10/1/1992  |
| RIC | 5,751,813 | 5/12/1998  | Dorenbos           | 4/29/1996  |
| RIC | 5,754,650 | 5/19/1998  | Katznelson         | 5/3/1995   |
| RIC | 5,757,417 | 5/26/1998  | Aras et al.        | 9/23/1997  |
| RIC | 5,757,909 | 5/26/1998  | Park               | 11/22/1995 |
| RIC | 5,768,539 | 6/16/1998  | Metz et al.        | 12/17/1996 |
| RIC | 5,796,786 | 8/18/1998  | Lee                | 10/18/1996 |
| RIC | 5,796,829 | 8/18/1998  | Newby et al.       | 6/24/1996  |
| RIC | 5,796,840 | 8/18/1998  | Davis              | 10/4/1995  |
| RIC | 5,802,176 | 9/1/1998   | Audebert           | 3/22/1996  |
| RIC | 5,805,700 | 9/8/1998   | Nardone et al.     | 10/15/1996 |
| RIC | 5,805,712 | 9/8/1998   | Davis              | 12/29/1995 |
| RIC | 5,805,762 | 9/8/1998   | Boyce et al.       | 4/18/1994  |
| RIC | 5,809,147 | 9/15/1998  | De Lange et al.    | 8/14/1997  |
| RIC | 5,815,146 | 9/29/1998  | Youden et al.      | 9/16/1996  |
| RIC | 5,818,934 | 10/6/1998  | Cuccia             | 12/18/1996 |
| RIC | 5,825,879 | 10/20/1998 | Davis              | 9/30/1996  |
| RIC | 5,850,218 | 12/15/1998 | LaJoie et al.      | 2/19/1997  |
| RIC | 5,852,290 | 12/22/1998 | Chaney             | 1/30/1997  |
| RIC | 5,852,470 | 12/22/1998 | Kondo et al.       | 5/28/1996  |
| RIC | 5,870,474 | 2/9/1999   | Wasiliewski et al. | 12/29/1995 |
| RIC | 5,894,320 | 4/13/1999  | Vancelette         | 5/29/1996  |
| RIC | 5,894,516 | 4/13/1999  | Brandenburg        | 7/10/1996  |
| RIC | 5,915,018 | 6/22/1999  | Aucsmith           | 11/5/1996  |
| RIC | 5,922,048 | 7/13/1999  | Emura              | 12/11/1998 |
| RIC | 5,933,500 | 8/3/1999   | Blatter et al.     | 11/27/1996 |

| Examiner:   | /Randolph Chu/ | Date: | 12/28/2006 |  |
|-------------|----------------|-------|------------|--|
| LAAIIIIIEI. |                | Date. |            |  |

| INFORMATION   Application No.: 10/634,546 |                        | Sheet 5 of 11   |  |
|---|------------------------|-----------------|--|
| DISCLOSURE                                | Docket No.: SNY-T5574  | Group: 2614     |  |
| STATEMENT                                 | Filed: 08/05/2003      | Conf. No.: 6035 |  |
|   | Applicant: Ryal et al. |                 |  |

| RIC | 5,949,877 | 9/7/1999   | Traw et al.       | 1/30/1997  |
|-----|-----------|------------|-------------------|------------|
| RIC | 5,949,881 | 9/7/1999   | Davis             | 12/4/1995  |
| RIC | 5,973,679 | 10/26/1999 | Abbott et al.     | 3/31/1997  |
| RIC | 5,999,622 | 12/7/1999  | Yasukawa et al.   | 11/22/1995 |
| RIC | 5,999,698 | 12/7/1999  | Nakai et al.      | 9/30/1977  |
| RIC | 6,005,561 | 12/21/1999 | Hawkins, et al.   | 12/14/1994 |
| RIC | 6,011,849 | 1/4/2000   | Orrin             | 8/28/1997  |
| RIC | 6,012,144 | 1/4/2000   | Pickett           | 10/1/1997  |
| RIC | 6,021,199 | 2/1/2000   | Ishibashi         | 10/14/1997 |
| RIC | 6,021,201 | 2/1/2000   | Bakhle et al.     | 1/7/1997   |
| RIC | 6,028,932 | 2/22/2000  | Park              | 4/1/1998   |
| RIC | 6,049,613 | 4/11/2000  | Jakobsson         | 1/13/1998  |
| RIC | 6,055,314 | 4/25/2000  | Spies et al.      | 3/22/1996  |
| RIC | 6,057,872 | 5/2/2000   | Candelore         | 7/9/1997   |
| RIC | 6,058,186 | 5/2/2000   | Enari             | 9/29/1998  |
| RIC | 6,061,451 | 5/9/2000   | Muratani et al.   | 9/2/1997   |
| RIC | 6,064,748 | 5/16/2000  | Hogan             | 1/16/1998  |
| RIC | 6,065,050 | 5/16/2000  | DeMoney           | 6/5/1996   |
| RIC | 6,069,647 | 5/30/2000  | Sullivan et al.   | 1/29/1998  |
| RIC | 6,072,873 | 6/6/2000   | Bewick            | 3/3/1998   |
| RIC | 6,073,122 | 6/6/2000   | Wool              | 8/15/1997  |
| RIC | 6,088,450 | 7/11/2000  | Davis et al.      | 4/17/1996  |
| RIC | 6,105,134 | 8/15/2000  | Pinder et al.     | 7/31/1998  |
| RIC | 6,118,873 | 9/12/2000  | Lotspiech et al.  | 4/24/1998  |
| RIC | 6,134,551 | 10/17/2000 | Aucsmith          | 1/8/1996   |
| RIC | 6,154,206 | 11/28/2000 | Ludtke            | 1/14/1999  |
| RIC | 6,157,719 | 12/5/2000  | Wasilewski et al. | 7/31/1998  |

|           | /Randolph Chu/ |       |            |
|-----------|----------------|-------|------------|
| Examiner: | ,              | Date: | 12/28/2006 |

| INFORMATION | Application No.: 10/634,546 | Sheet 6 of 11   |
|-------------|-----------------------------|-----------------|
| DISCLOSURE  | Docket No.: SNY-T5574       | Group: 2614     |
| STATEMENT   | Filed: 08/05/2003           | Conf. No.: 6035 |
|             | Applicant: Ryal et al.      |                 |

•

| RIC       6,185,369       2/6/2001       Ko et al.       9         RIC       6,185,546       2/6/2001       Davis       6 | 7/3/1997<br>9/16/1997<br>6/12/1998<br>8/6/1998 |
|---|--|
| RIC 6,185,546 2/6/2001 Davis 6  | 6/12/1998                                      |
|   |  |
|   | 3/6/1998                                       |
| RIC 6,189,096 2/13/2001 Haverty 8   |  |
| RIC 6,192,131 2/20/2001 Geer et al. 1   | 11/15/1996                                     |
| RIC 6,199,053 3/6/2001 Herbert et al. 4   | 4/8/1999                                       |
| RIC 6,204,843 3/20/2001 Freeman et al. 1  | 10/28/1999                                     |
| RTC 6,209,098 3/27/2001 Davis 9   | 9/21/1998                                      |
|   | 10/28/1999                                     |
|   | 8/13/1998                                      |
| RIC 6,229,895 5/8/2001 Son et al. 3   | 3/12/1999                                      |
| RIC 6,230,194 5/8/2001 Frailong et al. 7  | 7/4/1997                                       |
| RIC 6,230,266 5/8/2001 Perlman et al. 2   | 2/3/1999                                       |
| RIC 6,240,553 5/29/2001 Son et al. 1  | 12/10/1999                                     |
| RTC 6,256,747 7/3/2001 Inohara et al. 9   | 9/24/1998                                      |
| 1   | 8/28/1997                                      |
| RIC 6,266,416 7/24/2001 Sigbjornsen et al. 7  | 7/10/1996                                      |
| RIC 6,266,480 7/24/2001 Ezaki et al. 9  | 9/16/1997                                      |
| RIC 6,272,538 8/7/2001 Holden et al. 7  | 7/31/1998                                      |
| RIC 6,278,783 8/21/2001 Kocher et al. 6   | 6/3/1999                                       |
| RIC 6,289,455 9/11/2001 Kocher et al. 9   | 9/2/1999                                       |
| RIC 6,292,568 9/18/2001 Atkins, III et al. 1  | 1/19/2000                                      |
| RIC 6,292,892 9/18/2001 Davis 3   | 3/15/2000                                      |
| RIC 6,307,939 10/23/2001 Vigarie 2  | 2/19/1999                                      |
| RIC 6,311,012 10/30/2001 Cho et al. 6   | 6/20/1997                                      |
| RIC 6,351,538 2/26/2002 Uz 1  | 10/6/1998                                      |
| RIC 2002/0046406 4/18/2002 Chelehmal et al. 4   | 4/10/2001                                      |

| E   | Examiner:  | /Randolph ( | Chu/ | Date:  | 12/28/2006 |
|-----|------------|-------------|------|--------|------------|
| 1 ' | -Adminior. | •           | •    | - 4.0. | · ·        |

| INFORMATION | Application No.: 10/634,546 | Sheet 7 of 11   |
|-------------|-----------------------------|-----------------|
| DISCLOSURE  | Docket No.: SNY-T5574       | Group: 2614     |
| STATEMENT   | Filed: 08/05/2003           | Conf. No.: 6035 |
|             | Applicant: Ryal et al.      |                 |

| RIC | 6,378,130    | 4/23/2002  | Adams            | 10/20/1997 |
|-----|--------------|------------|------------------|------------|
| RIC | 6,389,537    | 5/14/2002  | Davis et al.     | 4/23/1999  |
| RIC | 2002/0059425 | 5/16/2002  | Belfiore et al.  | 6/22/2001  |
| RIC | 6,389,533    | 6/14/2002  | Davis et al.     | 2/5/1999   |
| RIC | 6,415,031    | 7/2/2002   | Colligan et al.  | 3/20/2000  |
| RIC | 6,415,101    | 7/2/2002   | deCarmo et al.   | 7/27/1998  |
| RIC | 6,430,361    | 8/6/2002   | Lee              | 11/25/1997 |
| RIC | 2002/0108035 | 8/8/2002   | Herley et al.    | 2/6/2001   |
| RIC | 6,449,718    | 9/10/2002  | Rucklidge et al. | 4/9/1999   |
| RIC | 2002/0129243 | 9/12/2002  | Nanjundiah       | 3/8/2001   |
| RIC | 6,459,427    | 10/01/2002 | Mao et al.       | 4/1/1998   |
| RIC | 6,463,152    | 10/08/2002 | Takahashi        | 2/25/1999  |
| RIC | 6,466,671    | 10/15/2002 | Maillard et al.  | 9/21/1999  |
| RIC | 2002/0170053 | 11/14/2002 | Peterka et al.   | 4/26/2001  |
| RIC | 2002/0194613 | 12/19/2002 | Unger            | 2/27/2002  |
| RIC | 2002/0196939 | 12/26/2002 | Unger et al.     | 1/2/2002   |
| RIC | 6,505,032    | 1/7/2003   | McCorkle et al.  | 10/10/2000 |
| RIC | 6,510,554    | 1/21/2003  | Gorden et al.    | 4/27/1998  |
| RIC | 2003/0021412 | 1/30/2003  | Candelore et al. | 1/2/2002   |
| RIC | 2003/0026423 | 2/6/2003   | Unger et al.     | 1/2/2002   |
| RIC | 6,519,693    | 2/11/2003  | Debey            | 7/21/1997  |
| RIC | 6,529,526    | 3/4/2003   | Schneidewend     | 11/12/1998 |
| RIC | 2003/0046686 | 3/6/2003   | Candelore et al. | 1/2/2002   |
| RIC | 6,543,053    | 4/1/2003   | Li et al.        | 11/20/1997 |
| RIC | 2003/0063615 | 4/3/2003   | Luoma et al.     | 4/5/2002   |
| RIC | 2003/0081630 | 5/1/2003   | Mowery et al.    | 10/8/2002  |
| RIC | 2003/0081776 | 5/1/2003   | Candelore        | 1/2/2002   |

| Examiner: | /Randolph Chu/ | Date: | 12/28/2006 |
|-----------|----------------|-------|------------|
|           |                |       |            |

| INFORMATION | Application No.: 10/634,546 | Sheet 8 of 11   |
|-------------|-----------------------------|-----------------|
| DISCLOSURE  | Docket No.: SNY-T5574       | Group: 2614     |
| STATEMENT   | Filed: 08/05/2003           | Conf. No.: 6035 |
|             | Applicant: Ryal et al.      |                 |

| RIC | 6,587,561    | 7/1/2003   | Sered et al.      | 2/4/1999   |
|-----|--------------|------------|-------------------|------------|
| RIC | 2003/0123849 | 7/3/2003   | Nallur et al.     | 12/31/2001 |
| RIC | 2003/0123664 | 7/3/2003   | Pedlow et al.     | 10/18/2002 |
| RIC | 2003/0133570 | 7/17/2003  | Candelore et al.  | 10/18/2002 |
| RIC | 2003/0145329 | 7/31/2003  | Candelore         | 12/13/2002 |
| RIC | 2003/0152224 | 8/14/2003  | Candelore et al.  | 10/18/2002 |
| RIC | 2003/0152226 | 8/14/2003  | Candelore et al.  | 10/18/2002 |
| RIC | 2003/0156718 | 8/21/2003  | Candelore et al.  | 11/25/2002 |
| RIC | 2003/0159139 | 8/21/2003  | Candelore et al.  | 10/18/2002 |
| RIC | 2003/0159140 | 8/21/2003  | Candelore         | 12/13/2002 |
| RIC | 2003/0159152 | 8/21/2003  | Lin et al.        | 4/11/2002  |
| RIC | 2003/0174837 | 9/18/2003  | Candelore et al.  | 12/13/2002 |
| RIC | 2003/0198223 | 10/23/2003 | Mack et al.       | 7/12/2002  |
| RIC | 6,640,145    | 10/28/2003 | Hoffberg et al.   | 6/3/2002   |
| RIC | 2003/0226149 | 12/4/2003  | Chun et al.       | 11/15/2002 |
| RIC | 2004/0003008 | 1/1/2004   | Wasilewski et al. | 6/25/2003  |
| RIC | 6,678,740    | 1/13/2004  | Rakib et al.      | 6/13/2000  |
| RIC | 6,681,326    | 1/20/2004  | Son et al.        | 5/7/2001   |
| RIC | 2004/0047470 | 3/11/2004  | Candelore         | 10/18/2002 |
| RIC | 2004/0049688 | 3/11/2004  | Candelore et al.  | 11/13/2002 |
| RIC | 2004/0049690 | 3/11/2004  | Candelore et al.  | 12/13/2002 |
| RIC | 2004/0049691 | 3/11/2004  | Candelore et al.  | 3/19/2003  |
| RIC | 2004/0049694 | 3/11/2004  | Candelore         | 12/13/2002 |
| RIC | 2004/0078575 | 4/22/2004  | Morten et al.     | 1/29/2003  |
| RIC | 2004/0165586 | 8/26/2004  | Read et al.       | 2/24/2003  |
| RIC | 2004/0187161 | 9/23/2004  | Cao               | 3/20/2003  |
|     |              |            |                   |            |

| Examiner: | /Randolph Chu/ | Date: | 12/28/2006 |
|-----------|----------------|-------|------------|

| INFORMATION | Application No.: 10/634,546 | Sheet 9 of 11   |
|-------------|-----------------------------|-----------------|
| DISCLOSURE  | Docket No.: SNY-T5574       | Group: 2614     |
| STATEMENT   | Filed: 08/05/2003           | Conf. No.: 6035 |
|             | Applicant: Ryal et al.      |                 |

| Exam. | Document Number  | Date       | Country | Class | Translation             |
|-------|------------------|------------|---------|-------|-------------------------|
| Init. | Boddinent Hamber | Duto       |         |       |                         |
| RIC 。 | WO 86/07224      | 12/4/1986  | PCT     |       | N/R                     |
| RIC°  | EP0471373        | 2/19/1992  | EP      |       | N/R                     |
| RIC   | EP0527611        | 7/8/1992   | EP      |       | N/R                     |
| RIC   | EP0558016        | 2/25/1993  | EP      |       | N/R                     |
| RIC   | EP0596826        | 4/11/1993  | EP      |       | N/R                     |
| RIC.  | EP0610587        | 12/17/1993 | EP      |       | N/R                     |
| RIC   | JP7067028        | 3/10/1995  | JP      |       | Yes                     |
| RIC   | EP0680209        | 4/24/1995  | EP      |       | N/R                     |
| RIC.  | WO 97/38530      | 10/16/1997 | PCT     |       | N/R                     |
| RIC ° | EP0833517        | 4/1/1998   | EP      |       | N/R                     |
| RIC ° | EP0866615        | 9/23/1998  | EP      |       | N/R                     |
| RIC 6 | WO 00/31964      | 6/2/2000   | PCT     |       | N/R                     |
| RIC - | WO 01/78386      | 10/18/2001 | PCT     |       | N/R                     |
| RIC º | EP1187483        | 3/13/2002  | EP      |       | N/R                     |
| RIC 。 | JP11243534       | 10/8/2002  | JP      |       | Yes - See<br>US 6,463,1 |

|                | OTHER DOCUMENTS / CITATIONS  |
|----------------|--|
| Exam.<br>Init. | Document   |
| RIC            | "A Report on Security Issues in Multimedia" by Gulwani, pages 10-14, April 30, 2000, Course Notes, Department of Computer Science and Engineering, Indian Institute of Technology Kanpur               |
| RIC            | "Ad Agencies and Advertisers To Be Empowered with Targeted Ads Delivered by Television's Prevailing Video Servers" Article Business Section of The New York Times, Updated Thursday, December 20, 2001 |
| RIC            | "An Efficient MPEG Video Encryption Algorithm" by Shi and Bhargava, pages 381-386, 1998 IEEE   |

|   | <del></del> |                |       |            |  |
|---|-------------|----------------|-------|------------|--|
| Ì | Examiner:   | /Randolph Chu/ | Date: | 12/28/2006 |  |

| INFORMATION | Application No.: 10/634,546 | Sheet 10 of 11  |
|-------------|-----------------------------|-----------------|
| DISCLOSURE  | Docket No.: SNY-T5574       | Group: 2614     |
| STATEMENT   | Filed: 08/05/2003           | Conf. No.: 6035 |
|             | Applicant: Ryal et al.      |                 |

| RIC        | "An Empirical Study of Secure MPEG Video Transmissions" by Agi and Gong, pages 137-144, 1996, IEEE, Proceedings of SNDSS '96  |
|------------|---|
| RIC        | "Applying Encryption to Video Communication" by Kunkelmann, pages 41-47, September, 1998, Multimedia and Security Workshop at ACM Multimedia '98. Bristol, U.K.   |
| RIC        | "Comparison of MPEG Encryption Algorithms" by Qiao and Nahrstedt, January 17, 1998, Preprint submitted to Elsevier Science  |
| RIC °      | "Coral Consortium Aims to Make DRM Interoperable", by Bill Rosenblatt, October 7, 2004, online at http://www.drmwatch.com/standards/article.php/3418741   |
| RIC<br>RIC | "DVD Demystified - The Guidebook for DVD-Video and DVD-ROM" by Jim Taylor, Pub. McGraw-Hill, 1998, ISBN: 0-07-064841-7, pages 134-147   |
| KIC        | "Dynamic-Customized TV Advertising Creation and Production Tools" by SeaChange International, Web Site Literature   |
| RIC        | "Efficient Frequency Domain Video Scrambling for Content Access Control" by Zeng and Lei, November 1999, In Proc. ACM Multimedia  |
| RIC        | "Evaluation of Selective Encryption Techniques for Secure Transmission of MPEG-Compressed Bit-Streams" by Alattar and Al-Regib, pages IV-340 to IV-343, 1999, IEEE  |
| RIC        | "Fast Encryption Methods for Audiovisual Data Confidentiality" by Wu and Kuo,<br>November 2000, SPIE International Symposia on Information Technologies 2000,<br>(Boston, Ma., USA)                               |
| RIC        | "Improved Selective Encryption Techniques for Secure Transmission of MPEG Video Bit-Streams" by Alattar, Al-Regib and Al-Semari, pages 256-260, 1999, IEEE  |
| RIC        | Metro Media ™ PVR-DVD-MP3-Web - Internet publication from www.metrolink.com, undated  |
| RIC        | "Multimedia and Security Workshop at ACM Multimedia" '98. Bristol, U.K., September 1998   |
| RIC        | "Passage ™, Freedom to Choose", 2003, Sony Electronics Inc.   |
| RIC        |   |
| RIC        | "Pre-Encryption Profiles - Concept Overview and Proposal", Rev. 1.2 as submitted to the Open CAS consortium on December 28, 2000.   |
| RIC        | "Run-Time Performance Evaluation for a Secure MPEG System Supporting Both Selective Watermarking and Encryption" by Wu and Wu, March 1, 1997, submitted to JSAC special issue on Copyright and Privacy Protection |
| RIC        | "Selective Encryption and Watermarking of MPEG Video (Extended Abstract)" by Wu and Wu, February 17,1997, submitted to International Conference on Image Science, Systems, and Technology, CISST'97               |
| RIC:       | "The Long March to Interoperable Digital Rights Management" by Koenen et al., pages 1-17, 2004, IEEE  |
| RIC        | "Transport Streams Insertion of Video in the Compressed Digital Domain" by SeaChange International, Web Site Literature, 2000   |
| RIC        | "Visible World - A High Impact Approach to Customized Television Advertising" by Haberman, December 2001.   |
| RIC        | ANONYMOUS, Message Authentication with Partial Encryption, Research discosure RD 296086, 12/10/1998   |

| Examiner: /Randolph Chu/ | Date: 12/28/2006 | $\neg$ |
|--------------------------|------------------|--------|
|--------------------------|------------------|--------|

| INFORMATION | Application No.: 10/634,546 | Sheet 11 of 11  |
|-------------|-----------------------------|-----------------|
| DISCLOSURE  | Docket No.: SNY-T5574       | Group: 2614     |
| STATEMENT   | Filed: 08/05/2003           | Conf. No.: 6035 |
|             | Applicant: Ryal et al.      |                 |

| RIC.     | McCormon Hook Over Cohlemedom Hook/MetahAveyet 10, 1000                             |
|----------|---|
|          |   |
| RIC      | ANONYMOUS, New Digital Copy Protection Proposal Would Secure Authorized             |
|          | Copies, PR Newswire, November 1998, pages 1-3                                       |
| RIC      | ARAVIND, H., et al., "Image and Video Coding Standards", AT&T Technical             |
|          | Journal, (jan/Feb 1993),67-68   |
| RI       | GONZALEZ, R. C., et al., "Digital Image Processing", Addison Wesley Publishing      |
|          | Company, Inc., (1992),346-348   |
| RIC      | KIM, et al., "Bit Rate Reduction Algorithm for a Digital VCR", IEEE Transactions on |
| KIG      | Consumer Electronics, Vol. 37, No. 3, (U8/U1/1992),267-274                          |
| RIC      | KONDO, et al., "A New Concealment Method for Digital VCRs", IEEE Visual Signal      |
|          | Processing and Communication, Melbourne, Australia, (9/93), 20-22                   |
| RIC      | KONDO, et al., "Adaptive Dynamic Range Coding Scheme for Future Consumer            |
| "-"      | Digital VTR", 219-226   |
| RIC      | KONDO, et al., "Adaptive Dynamic Range Coding Scheme for Future HDTV Digital        |
|          | VTR", Sony Corporation, (1991),   |
|          | LAKSHIMINATH, et al., "A Dual Protocol for Scalable Secure Multicasting", 1999      |
| RIC'     | International Symposium on Computers and Communication, 6-8 July, 1999.             |
| RIC      | LOOKABAUGH et al., "Selective Encryption and MPEG-2", ACM Multimedia '03,           |
| KIC      | November 2003.  |
| RIC      | MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", CRC Press,          |
|          | 551-553   |
| DTO      | NHK LABORATORIES NOTE, "Error Correction, Concealment and Shuffling", No.           |
| RIC      | 424, (3/1994),29-44   |
|          | PARK, et al., "A Simple Concealment for ATM Bursty Cell Loss", IEEE                 |
| RIC      | Transactions on Consumer Electronics, No. 3, (8/1993),704-709                       |
| RIC      | ROBERT et al., "Digital Cable: The Key to Your Content", Access Intelligence's      |
|          | Cable Group, February 2002, online at   |
|          | http://www.cableworld.com/ct/archives/0202/0202digitalrights.htm                    |
|          | TOM, et al., "Packet Video for Cell Loss Protection Using Deinterleaving and        |
| RIC      | Scrambling", ICASSP 91: 1991 International Conference on Acoustics, Speech          |
| KIC      | and Signal Processing, Vol. 4, (04/1991),2857-2860                                  |
| <u> </u> | ZHU, et al., "Coding and Cell-Loss Recovery in DCT-Based Packet Video", IEEE        |
| RIC      | Transactions on Circuits and Systems for Video Technology, No. 3, NY,(6/3/93),      |
|          |   |
| RIC°     | "ClearPlay: The Technology of Choice", from web site, ClearPlay 2001-2003           |
|          |   |
| L        |   |

| - 1 |           |                |       |            |  |
|-----|-----------|----------------|-------|------------|--|
|     | Examiner: | /Randolph Chu/ | Date: | 12/28/2006 |  |

| LIST OF REFERENCES   | Application No.: 10/634,546 | Sheet 1 of 1       |
|----------------------|-----------------------------|--------------------|
| CUED BY APPLICANT(S) | Docket No.: SNY-T5574       | Group: Unknown     |
| 7 700 20             | Filed: 08/05/2003           | Conf. No.: Unknown |
| SE 0 1 MID SE        | Applicant: Ryal et al.      |                    |
| 14                   |                             |                    |

|                | U.S. PATENT DOCUMENTS |                    |            |       |             |  |  |  |
|----------------|-----------------------|--------------------|------------|-------|-------------|--|--|--|
| Exam.<br>Init. | Document<br>Number    | Issue/Pub.<br>Date | Name       | Class | Filing Date |  |  |  |
| RIC            | 5,894,320             | 04/13/1999         | Vancelette |       | 05/29/1996  |  |  |  |
| 1              |                       |                    |            |       |             |  |  |  |
|                |                       |                    |            |       |             |  |  |  |
|                |                       |                    |            |       |             |  |  |  |
|                |                       |                    |            |       |             |  |  |  |
|                |                       |                    |            |       |             |  |  |  |
|                |                       |                    |            |       |             |  |  |  |
|                |                       |                    |            |       |             |  |  |  |

| FOREIGN PATENT DOCUMENTS                 |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| Exam. Document Number Date Country Class |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

| OTHER DOCUMENTS / CITATIONS |          |  |  |  |
|-----------------------------|----------|--|--|--|
| Exam.<br>Init.              | Document |  |  |  |
|                             |          |  |  |  |

| Examiner: | /Randolph Chu/ | Date: | 12/28/2006 | <del></del> |
|-----------|----------------|-------|------------|-------------|
|-----------|----------------|-------|------------|-------------|

| LIST OF REFERENCES    | Application No.: Unknown | Sheet 1 of 1       |
|-----------------------|--------------------------|--------------------|
| CITED BY APPLICANT(S) | Docket No.: SNY-T5574    | Group: Unknown     |
|                       | Filed: Herewith          | Conf. No.: Unknown |
|                       | Applicant: Ryal, et al.  |                    |

|                         | U.S. PATENT DOCUMENTS |                    |                |           |             |  |  |
|-------------------------|-----------------------|--------------------|----------------|-----------|-------------|--|--|
| Exam.<br>Init.          | Document<br>Number    | Issue/Pub.<br>Date | Name Class     |           | Filing Date |  |  |
| RIC 5,999,698 12/7/1999 |                       | Nakai et al.       |                | 9/30/1997 |             |  |  |
| RIC                     | 6,185,369             | 2/6/2001           | Ko et al.      |           | 9/16/1997   |  |  |
| RIC                     | 6,311,012             | 10/30/2001         | Cho et al.     |           | 6/20/1997   |  |  |
| RIC                     | 6,415,101             | 7/2/2002           | deCarmo et al. |           | 7/27/1998   |  |  |
| RIC                     | 6,430,361             | 8/6/2002           | Lee            |           | 11/25/1997  |  |  |
|                         |                       |                    |                |           |             |  |  |
|                         |                       |                    |                |           |             |  |  |

|                | FOREIGN PATENT DOCUMENTS |      |         |       |             |  |  |
|----------------|--------------------------|------|---------|-------|-------------|--|--|
| Exam.<br>Init. | Document Number          | Date | Country | Class | Translation |  |  |
|                |                          |      |         |       |             |  |  |
|                |                          |      |         |       |             |  |  |
|                |                          |      |         |       |             |  |  |
|                |                          |      |         |       |             |  |  |

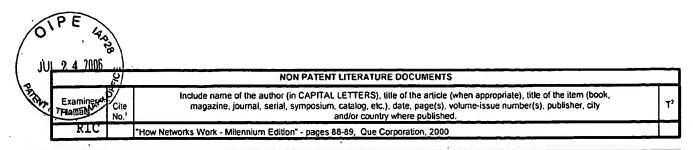
| OTHER DOCUMENTS / CITATIONS |          |  |  |
|-----------------------------|----------|--|--|
| Exam.<br>Init.              | Document |  |  |
|                             |          |  |  |
| <u></u>                     |          |  |  |
| <u></u>                     |          |  |  |
|                             |          |  |  |
|                             |          |  |  |

| Examiner: | /Randolph Chu/ | Date: | 12/28/2006 |
|-----------|----------------|-------|------------|
|           |                |       |            |

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Substitute of form 1449A/PTO Complete if Known Application Number 10/634,546 **INFORMATION DISCLOSURE** Filing Date 8/5/2003 First Named Inventor STATEMENT BY APPLICANT RYAL et al. (Use as many sheets as necessary) Art Unit 2624 **Examiner Name** Mehta, Bhavesh M. Sheet 1 of 1 Attorney Docket Number SNY-T5574

|                    | U.S. PATENT DOCUMENTS |   |                                |  |   |
|--------------------|-----------------------|---|--------------------------------|--|---|
| Examiner thitials* | Cite                  | Document Number                         | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                    | No.¹                  | Number-Kind Code <sup>2 (d known)</sup> |                                |  |   |
| RIC                |                       | US 4,712,238                            | 12/08/1987                     | Gilhousen et al.                                   |   |
| RIC                |                       | US 4,989,245                            | 01/29/1991                     | Bennett  |   |
| RIC                |                       | US 5,091,936                            | 02/25/1992                     | Katznelson   |   |
| RIC                |                       | .US.5,144,664                           | . 09/01/1992                   | Esserman.et.al                                     |   |
| RIC                |                       | US 5,237,610                            | 08/17/1993                     | Gammie et al.                                      |   |
| RIC RI             | n -                   | US 5,319,707                            | 06/07/1994                     | Wasilewski et al.                                  |   |
|                    | ر<br>م                | US 5,341,425                            | 08/23/1994                     | Wasilewski et al.                                  |   |
| RI                 |                       | US 5,381,481                            | 01/10/1995                     | Gammie et al.                                      |   |
| RIC                |                       | US 5,400,401                            | 03/21/1995                     | Wasilewski et al.                                  |   |
| RIC                |                       | US 5,444,491                            | 08/22/1995                     | <u>Lim</u>   |   |
| RIC                | <b>.</b> .            | US 5,491,748                            | 02/13/1996                     | Auld Jr. et al.                                    |   |
| RIC                |                       | US 5,539,823                            | 07/23/1998                     | Martin et al                                       |   |
| RIC                |                       | US 5,583,863                            | 12/10/1996                     | Darr, Jr. et al.                                   |   |
| RIC                |                       | US 5,590,202                            | 12/31/1996                     | Bestler et al                                      |   |
| RIC                |                       | US 5,699,429                            | 12/16/1997                     | Tamer et al.                                       |   |
| RIC                |                       | US 5,726,711                            | 03/10/1998                     | Boyce  |   |
| RIC                | <del>-</del> -        | US 5,923,755                            | 07/13/1999                     | Birch et al.                                       |   |
| RIC                |                       | US 5,930,361                            | 07/27/1999                     | Hayashi et al.                                     |   |
| RIC                |                       | US 6,026,164                            | 02/15/2000                     | Sakamoto et al.                                    |   |
| RI                 | <u></u>               | US 6,055,315                            | 04/25/2000                     | Doyle et al.                                       |   |
| RI                 | -                     | US 6,072,872                            | 06/06/2000                     | Chang et al.                                       |   |
| RIC                |                       | US 6,108,422                            | 08/22/2000                     | Newby et al.                                       |   |
| RIC                |                       | US 6,324,288                            | 11/27/2001                     | Hoffman  |   |
| RIC                |                       | US 6,236,727                            | 05/22/2001                     | Ciacelli et al.                                    |   |
| RIC                |                       | US 2002/0083438                         | 01/27/2002                     | So et al.  |   |
| RIC                |                       | US 2002/0026587                         | 02/28/2002                     | Talstra et al.                                     |   |
| RIC                |                       | US 2002/0047915                         | 04/25/2002                     | Misu   |   |
| -RIC               |                       | US 2002/0097322                         | 07/25/2002                     | Monroe et al.                                      |   |
| RIC                |                       | US 6,445,738                            | 09/03/2002                     | Zdepski et al.                                     |   |
| RIC                |                       | US 6,453,115                            | 09/17/2002                     | Boyle  |   |
| RIC                |                       | US 2002/0184506                         | 12/05/2002                     | Periman  |   |
| RIC                |                       | US 2003/0009669                         | 01/09/2003                     | White et al.                                       |   |
| RIC                |                       | US 2003/0072555                         | 04/17/2003                     | Yap et al.   | 1   |
| ŘĬĊ                |                       | US 2003/0084284                         | 05/01/2003                     | Ando et al.  |   |
| RIC                |                       | US 2003/0204717                         | 10/30/2003                     | Kuehnel  | ···   |
| RIC                |                       | US 6,650,754                            | 11/18/2003                     | Akiyama et al.                                     |   |
|                    |                       | US 6,754,276                            | 06/22/2004                     | Harumoto et al.                                    |   |
| RIC                |                       | US 6,115,821                            | 09/05/2005                     | Newby et al.                                       |   |
| :::::::::          |                       | 100010021                               | 1. 53/53/2003                  | [  | I   |

| FOREIGN PATENT DOCUMENTS |              |   |                                |  |   |    |
|--------------------------|--------------|---|--------------------------------|--|---|----|
| Examiner Initials*       | Cite<br>No.1 | Foreign Patent Document Country Code <sup>3</sup> -Number*- Kind Code <sup>3</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T° |
| RIC                      | -            | WO 01/65762   | 09/07/2001                     | PCT  |   | I  |
| <b>L</b> .::             | _            |   |                                |  |   | +  |



| Examiner<br>Signature | /Randolph Chu/ | Date<br>Considered | 12/28/2006   |
|-----------------------|----------------|--------------------|--|
|                       |                |                    | and the second state of th |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw fine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov">www.upsto.gov</a> or MPEP 901.04. The reference considered, include copy of this communication to applicant. Applicant is unique citation designation number (optional). See Kinds Codes of US PTO Patent Documents at <a href="https://www.upsto.gov">www.upsto.gov</a> or MPEP 901.04. Per 901.04. The reference and not considered, Include copy of this conformation of the year of the reign of the Emperor must precede the serial number of the patent document. Wind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete fund, preparing, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.